



# Valorisation and dissemination of RFCS projects in steel surface quality

## PROJECT PARTNERS

A collaborative project funded by the Research Fund for Coal and Steel (RFCS).

- Rina Consulting – Centro Sviluppo Materiali Spa (Project Coordinator)
- BFI, Germany
- Materials Processing Institute, United Kingdom
- Sidenor I+D, Spain
- SWERIM, Sweden

## PROJECT OBJECTIVES & ACTIVITIES

The project objectives were:

- To review and analyse knowledge generated about the formation of cracks during continuous casting of steel carried out in the last 25 years.
- To develop a roadmap for future research activities and priorities.
- To review technology developments outside the RFCS portfolio.



## PROJECT OUTCOMES

This knowledge was used for dissemination activities and the generation of a proposed roadmap for future research in the reduction of steel cracking during casting.

- A state of the art was developed and published.
- Research was shared via online technical events and presentations. Events videos are available on the VALCRA website.
- A LinkedIn page was created to promote the dissemination activities and encourage discussion.
- Events were held to discuss the future research requirements which were added to the roadmap.

## SUMMARY

VALCRA was targeted at a specific topic of interest and benefited from the involvement of expert organisations which resulted in detailed discussions that potentially will lead to a more coordinated and targeted research plan for the future.

[www.valcra.eu](http://www.valcra.eu)

TOPICS REVIEWED	ORGANISATION
Basic Knowledge	Sidenor I+D
Modelling	SWERIM
Process Optimisation	Rina Consulting – Centro Sviluppo Materiali Spa
Mould Powders	Materials Processing Institute
Process Control & Sensoring	BFI

